

# PHYSIO-CONTROL® FIRST MEDIC™ 510

- AED Defibrillator
- Option: Quick combo Pads
- Storage compartments for batteries, tapes, modules
- Configurable operation to meet changing protocols
- Automated documentation of incidents for case review.
- Fiberglass reinforced composite case



Typical Manufacturer's Picture

## Specifications

### Defibrillator

**Waveform:** Edmark-Lown type critically damped with a nominal 50 ohm load and no more than 10% undershoot with a 30 ohm load.  
**Energy levels:** 200, 300, 360 J. **Charge time:** 9 seconds to 200 J, 15 seconds to 360 J. **Operating Mode:** semi-automatic.  
**Treatable rhythms:** ventricular fibrillation >0.1 mV, ventricular tachycardia >180 bpm. **Analysis time:** 6 to 9 seconds, defibrillator begins charging 3 to 6 seconds after pressing ANALYSE. **Continuous analysis:** continually analyses ECG while patient is connected to defibrillator; alerts operator when treatable rhythms is detected for all protocols except Protocol 2. **Continuous impedance test:** patient impedance checked twice each second for contact integrity. **Defibrillator patient impedance range:** 30 to 200 ohms. **Input:** via disposable defibrillation electrodes or ECG monitoring electrodes. **Input protection:** withstands up to 360J discharges. **Input offset tolerance:** up to 1.5 VDC between electrodes. **Monitoring modes:** defibrillation controls automatically disabled when monitoring electrodes used. **Monitor mode patient impedance range:** 300 to 2000 ohms. **Controls:** On/Off analyze, change energy, shock. **Displays:** LCD, 16 characters x 2 rows: LEDs for ON, analyze, energy select, shock. **LCD backlighting:** automatically activated in low light. **Displayed messages:** time, elapsed time, testing, test ok, analyzing, charging, energy selected, shock number, stand clear, check electrodes, low battery, tape, module, needs service, service mandatory, no shock indicated, shock indicated, protocol#, software version, serial#. **Audible messages:** check electrodes, check patient, check pulse, press to analyze, stand clear, press to shock. **Cable length:** 6.5 ft (2 m). **Cable connection:** permanently attached to defibrillator case.

### Voice/ECG Recorder

**Cassette tape:** MC-60 microcassette. **Recording time:** 30 minutes per side. **Control:** automatic when power is on. **Channel 1:** patient ECG, frequency response 2 to 20 Hz. **Channel 2:** area sounds, frequency response 300 to 2000 Hz.

### Electrical

**Operating voltage:** 12VDC **Maximum current:** 7 Amps (charging). **Power consumption:** 5 watts nominal (resting), 84 watts maximum (charging)

### Physical Dimensions

**Height:** 8.75 in (22.5 cm)  
**Depth:** 6.25 in (15.9 cm)  
**Width:** 12.25 in (31.1 cm)  
**Weight:** 14 lbs (6.3 kg) excluding batteries

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